

INSTRUCTION MANUAL

Instruction-AD-4322AMKII-v.1.a 92.6.22

WEIGHING INDICATOR



Contents

FCC Rules	Page	٧
Introduction		
Welcome!	Page	2
Features	Page	3
Front Panel Description	Page	4
Rear Panel Description	Page	10
Specifications	Page	11
Installation		
General Rules	Page	17
Load Cell Connection	Page	18
Load Cell and Input Sensitivity	Page	18
Quick Installation	Page	19
Basic Operation		
'lb' or 'kg' Weighing	Page	25
Simple Weighing	Page	25
Simple Weighing with TARE	Page	26
TARE Clear.	Page	27
Digital TARE	Page	28
	_	
The Main Memory TOTAL Funct: M+, M- and TOTAL keys	Page	30
Viewing All of the Code Set Values	Page	31
To Clear Code Set Values	Page	34
Adding/Subtracting to the Main Memory Total	Page	36
Main Memory Total Overflow	Page	36
Viewing the Main Memory Total	Page	37
To Clear the Main Memory Total	Page	38
To Set Auto Main Memory Total Add Mode	-	39
•	9-	
The Comparator Function The Comparator Function	Page :	41
To Store Comparator Setpoints	Page	
Turning the Comparator On or Off	•	45
	raye	40
The ID/TARE Function	_	
The I.D./Tare Function	Page -	47
To Store ID/Tare	Page -	47
Weighing Using Stored ID/Tare (RECALLing an ID/Tare)	Page	49
To Exit from an ID/Tare	Page	49
Viewing All of the Stored ID/Tare's	Page	50
Clearing a Stored ID/Tare	Page	52
To Clear All of the Stored ID/Tare's	Page	52

The	Code	Function	•	
Code	Function Ir	ntroduction	Page	54
Code	Setting Flo	wchart	Page	55
To Er	nter Code Se	t Values	Page	56
Editin	g a Code Se	t	Page	60
Vie	wing All of th	ne Code Set Values	Page	61
To (Clear Code S	Set Values	Page	64
Using	The Code F	Function	Page	66
Canc	el of Code Se	etting	Page	67
Using	the Code T	Total Memory	Page	69
Add	ing/Subtract	ting to the Code Total	Page	69
Cod	e Total Ove	rflow	Page	69
Viev	ving a Code	Total	Page	71
Viev	ving All of th	ne Code Total's	Page	72
To (Code	e Total	Page	74
To (Clear All of t	he Code Total's	Page	76
	ntout			
			Page	78
		Examples	Page	78
	-	mory Total	Page	80
		otal	Page	81
		Code Total's	Page	82
			Page	83
		Print Mode	Page	83
		9	Page	85
		nt Mode	Page	85
	•	nt Mode	Page	87
Usin	g the M+ Pr	int Mode with Code	Page	88
		de	Page	89
To S	elect Auto N	M+ Print Mode	Page	89
	•	M+ Print Mode	Page	92
Usin	g the Auto N	## Print Mode with Code	Page	93
Printin	g Items fron	n the Memory	Page	94
1.D./	Γare Setting	s Printout	Page	94
Code	Settings P	rintout	Page	95
Print	ing the Time	e (with Option OP-09)	Page	96
F-Fu	nction Settir	ngs Printout	Page	96
Print	out Example	es	Page	97
		le Mode		
		·	Page	99
			Page	100
			Page	103
			Page	103
To C	lear all of the	e CODE TOTAL'S	Page	104

Backup Data Initialization	Page	104
ID/TARE Data Initialization	Page	10
Clearing all CodeMemory Set	Page	105
Clearing all Backup Data,	_	
ID/TARE Data and Code Memory	Page	106
Calibration Data Initialization	Page	106
F-Function Data Initialization	Page	107
Calibration Data and F-Function Data Initialization	Page	107
All Data Clear and Initalization	Page	108
Calibration		
About Calibration Terms	Page	110
If You Want To Perform:	Page	111
Calibration Flowchart	Page	112
Gravity Compensation Flowchart	Page	113
Digital Linearlization Flowchart	Page	114
Full Calibration Procedure	Page	115
Calibration Procedual Notes	Page	118
Calibration Errors	Page	119
Digital Linearlization	Page	120
Digital Linearlization Errors	Page	123
Gravity Compensation Function	Page	124
Using the Gravity Compensation Function	Page	126
Gravity Compensation Function Errors	Page	128
Gravity Values at Various Locations	Page	129
Acceleration due to Gravity	Page	129
World Latitude Map	Page	130
F-Functions		
The F-Functions	Page	132
F-Function Setting Flowchart	Page	133
Changing the F-Functions	Page	134
F-Function Errors	Page	135
F-Functions And Their Settings	Page	136
I/O Interfaces & Operations	0	147
Standard Serial Output	Page	147
Parallel BCD Output Option OP-01	Page	149
External I/O Interface Option OP-02	Page	151
RS-232C Interface Option OP-04	Page	152
Analog Output Option OP-07	Page .	170
Built-In Printer option OP-08	Page	172
Changing the Printer Paper	Page	173
The Digital Clock Option OP-09	Page	174
To Set the Clock	Page	174
Connection To An External Printer	Page	177
Panel Mounting Kit Option OP-10	Page	181

Wall Mounting Kit Option OP-11	Page	182
Dimensions	Page	183

5/26/92 Page iv

This is a "Table of Contents preview" for quality assurance

The full manual can be found at http://the-checkout-tech.com/estore/catalog/

We also offer free downloads, a free keyboard layout designer, cable diagrams, free help and support.

<u>http://the-checkout-tech.com</u>: the biggest supplier of cash register and scale manuals on the net